

## Ahmed Khurshid



Ahmed Khurshid completed his undergraduate degree in Computer Science and Engineering from Bangladesh University of Engineering and Technology (BUET). He joined his department as a faculty member immediately after graduation. While working as a lecturer, Ahmed was admitted into BUET's Computer Science Master's program. He received his Master of Science degree in 2008.

Since his time as an undergraduate, Ahmed has always been fond of programming and software engineering. During his final undergraduate year, he became increasingly interested in Internet technologies and network programming. He also realized that he was becoming more and more interested in exploring new things and sharing ideas with his teachers and classmates, prompting him to accept the faculty position offered by his university.

Ahmed has studied issues related to wireless networks for both his undergraduate and Master's thesis. His dream has been to further his knowledge of computer networks by eventually gaining admission to a Ph.D. program. His dreams came true in 2007, thanks to the International Fulbright Science and Technology Award.

With his International Fulbright Science and Technology grant, Ahmed began his Ph.D. studies at the University of Illinois at Urbana-Champaign. Based on his experience with internetworking technologies, he is conducting research on monitoring and fault-analysis in large networks. One of his research goals is to develop a sound monitoring and debugging framework for ISP networks so that fault detection and repairs can be done with less human intervention. He is also investigating convergence related problems present in intra-domain routing. Ahmed believes the results from his research will make future network devices self-organizing and more fault-tolerant.

In the future, Ahmed would like to work in Bangladesh as an experienced educator and researcher. He intends to be in close touch with the Information and Communication Technology (ICT) industry in Bangladesh, and hopes to make it a major contributor to software development. Ahmed strongly believes that with proper application of ICT in different sectors, Bangladesh will be able to solve many ongoing problems. Ahmed aims to be at the forefront of this challenging endeavor.